

TOTAL-DISSOLVED-SOLIDS-CONCENTRATION MAP FOR THE MOAB-SPANISH VALLEY AREA, GRAND AND SAN JUAN COUNTIES, UTAH

Special Study 120
Utah Geological Survey
2007



Scale 1:75000

0 0.5 1 2 Miles

0 1 2 4 Kilometers

Map Projection: Universal Transverse Mercator, zone 12
Horizontal datum: North American Datum 1983

Explanation

Sampled water wells and their data sources
(Number indicates TDS* concentration in mg/L)
See Appendix A for lab analysis

- United States Geological Survey **
- ▲ Utah Department of Agriculture and Food ***
- Utah Division of Drinking Water
- ▼ Utah Division of Water Quality + (surface-water sample)
- ◆ Utah Geological Survey+
- * Total dissolved solids
- ** Wells shown in blue are completed in bedrock
- *** Wells shown in purple are converted specific conductance data
- + Analysis by the Utah Department of Epidemiology and Laboratory Services

- Municipal boundary
- Road
- Water course
- Valley-fill deposits boundary
- Study-area boundary
- Water body
- Bedrock

Total-Dissolved-Solids Concentration

- Bedrock
 - 0 - 500 mg/L
- Valley fill
 - 0 - 250 mg/L
 - 251 - 500 mg/L
 - 501 - 1000 mg/L
 - 1001 - 2000 mg/L

